

| PROVIDE SUPPLIENT MAST ARM HISE IS AIR). SO THAT MAST ARM KISMARE SLIGHTLY ABOVE. | | | | | ARM | DATA | | | |
|--|--|-------------------------|-------------------------------|-------------------------|------------------|---------------------------------------|--|--|---|
| HORZONYAL WHEN LANDED WITH A GROTION SIGNAL AT THE PAR RUL AND A SECTION SIGNAL APPROXIMATELY IN FROM YAR EXID. | SEE DETAIL II | CLAMP RANGE (INCHES) | POLE END (ENCHIES) | SIGNAL END (INCHIES) | LEMOTH (FEBT) | 3DUAD | WEIGHT (POUNDS) | TEST LOAD (POUNDB) | MAX. DEFLECTION GPOUNDED |
| SEE D | DETAIL I 4 | 745-7.98 | 7.0 | 4.76 | 26 | 7 | 241 | 1700 | 6.5 |
| | 5 m / | 7.45-7.95 | 7.0 | 4.20 3.36 | 90 28 | 7 | 274 315 | 1800 | 19,0 |
| | | 8.46-8.95 | 8.0 | 3.80 | 36 | 7 | 409 | 11/00 | 24.0 29.0 |
| | (| 9.9519.45 | 9.0 | 4.10 | 35 | 7 | 529 | 1200 | 28.0 |
| | | 9.05-10.45 | 9.0 | 3.40 | 40 | 7 | 569 | 1000 | 82.0 |
| PROVIDE 1 3/6" - 1 /2" OIA DIPONING IN BOTTOW OF MACH THE MERCHANGEN STORM OIA "FROM GLAMP PROVIDE HE MERCHANGE IN OFFSHING FOR WIRD PROFESSION OFFSHING FOR WIRD | / M | 9.95-20.45 | 10.0 | 3.84 | 44 | 7 | <u> </u> | 1200 | 57.0 |
| PROVIDE NEOFESHE SKONNEY IN OPENING FOR WIRE PROCISECION. | | | | | | | | | |
| SEE AND MAY TABLE | —————————————————————————————————————— | | | | | | | | |
| · · | ~ N | | | | | | | | |
| | POLE SHAPT EXISTING IN PLACE OF PROVIDED | | | | | | | | |
| 12.000 | BY OTHERS | | | | | | | | |
| I. D. TAG | NOTES: | | | | | | | | |
| TOP INDICATES MAX AND MIN. | 1 TRAFFIC SIGNAL ARM SHAPT ASSIM | DESIGNATION: | | | | | | | |
| 9.00 - 9.90 | AMBRICARINE C, NAJNOS PSI MENUMUM 4014/SPT. | YEELD STRENCH WITH A | | | | | | | |
| | Z. TRAPFIC SIGNAL ARM END CAP SINC THRU ARM END BOLT. (PLACED I | HARDWARE; | | | | | | | |
| LD.TAG TO DE MOURTED ON THE TOP OF THE FOLE AS INGREMED USING 2 "ORIF-MAIL" NATURNESS. | S ALL THREADED FASTENERS TO BE O 4. ALL VEHICULAR ANDOS PROSTRIAN | SIGNAL LIGHTS AND NEC | ESSARY HARDWARE | | | | | | |
| | FOR ATTACHMENT TO BE FIELD S. ALL ARM END CAPS AND ARM CLAS | MPS TO BE FULLY ASSUMBI | BY OTHERS. LED AND ATTACKE | ь . | | | | | |
| DETAIL I | TO THE ARM PRIOR TO SEEPING G. ARM. ASSEMBLY TO RE DEGREEASED; | GLEANED; CHEMIGALLY FRE | | | | | | | |
| | AN EXTERIOR THERMOSETTING P TREEMOPLASTIC HYDROCARBON B | ESIN POWER COAT. | | | | | | | |
| | ALL PAINTING TO BE IN ACCORD "PAINTING", EXCEPT COLOR. | | | | | | | | |
| OA a b GROLDS BOLY IN PLACES | COLUE TO BE CITY OF CHICAGO 7. MAST ARM SHALL BE TESTED IN A | COORDANCE WITH SPECIFIC | TATRON 1467, | IBBIONZR. | | | | | |
| 11 31 18 (4) SEES "B" HEX | BECTHORS 9 & 10 WITH TEST VAL. 5. HOLE IN CLAMP TO BE 4.0° (MIN). I | SOLE TO BE GROUND SMO | OTH AND DEBURR | BD | | | | | |
| 7 44 25 HEAD BOLTS WITH (I) HEX NUTS & WASHERS | TO PROVIDE A SMOOTH WIRE BY | CTRY FROM POLE TO MAST | AZOS. | | | | | | |
| 3 86 81 TYP. | | | | | | | | | |
| NOLE IN POLE FIELD DRILED NOR O.ST X 2" HEX BOLT | | | | | | | | | |
| | | | | | | | | | |
| 00° 19002 | | | | | | | | | |
| TYP. = 1000 mass core. | | | | | | | | | |
| TYP. ** | | | | | | | | | |
| TYP. ÷ | | | | | | | | | |
| TYP. ÷ | | | | | | | E 1 | | |
| TYP. ÷ | | | | | | - | 4.400 3900 | · · | .01 |
| TIP. ÷ | | | | | | ļ | | S OPENING ON MASY | |
| | | | | | | <u> </u> | D A 7 E | R & V 1810 | и |
| TTP. ** | | | | | | | DATE SURE | REVISION CREW COORS | N |
| | | | | | | | STEEL | REVISIO EDES UNO DATES DEG TRAFFIC | n C SIGNA |
| MEE NOTE & CAP THUS PLATE | | | | | | | DATE SURE | REVISIO EDES UNO DATES DEG TRAFFIC | N 1980 |
| AME NOTE 8 - GAN' THICK PLATE | | | | | | | STEEL MAST | TRAFFIC | SIGNA |
| DETAIL II | . | | | | | | STEEL MAST | TRAFFIC ARM-MO | SIGNA |
| DETAIL II SIGNAL ARM ATTACHIENT DATA |] | | | | | | STEEL MAST | TRAFFIC ARM-MO TY OF CHICA STORE OF SAME AND STREET AND STREET AND SAME A | SIGNA NOTUBE |
| DETAIL II SIGNAL ARM ATTACHMENT DATA CLAMP RANCE "A" "B" "C" "D" "E" | | | | | | | STEEL MAST | TRAFFIC ARM-MO TY OF CHICA STORE OF SAME AND STREET AND STREET AND SAME A | SIGNAL SIGNAL NOTUBE |
| DETAIL II SIGNAL ARM ATTACHMENT DATA CLAMP RANGE "A" "2" "C" "0" "5" 45" - 7.35" 7.25" 9.52" 10.80" 10.32" 10.07" x 7.50" | | | | | | | STEEL MAST CI NUMBER OF THE PROPERTY OF THE | TRAFFIC ARM-MO TY OF CHICA THE | SIGNAL SIGNAL NOTUBE |
| DETAIL II SIGNAL ARM ATTACHIENT DATA CLAMP RANGE "A" "E" "C" "D" "E" 45" 7.25" 9.52" 10.80" 10.32" 1.00" X 5.00" 15" 7.00" X 5.00" 10.66" 12.50" 1.00" X 5.00" | | | | | | | STEEL MAST CI NO | A X Y 18 10 TRAFFIC ARM-MO TY OF CHICA T | S SIGNA, NOTUBE AGO ORDER R SHEUDON KIRS |
| DETAIL II SIGNAL ARM ATTACHMENT DATA CLAMP RANGE "A" "2" "C" "0" "5" 45" - 7.35" 7.25" 9.52" 10.80" 10.32" 10.07" x 7.50" | | | | | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | STEEL MAST | A X Y 18 10 TRAFFIC ARM-MO TY OF CHICA T | SIGNA NOTUBE |

TS-12

| | | 13-12 | | | | |
|-----------|---|-------------------|--|--|--|--|
| REVISIONS | TIL THOTS DEPARTMENT | OF TRANSPORTATION | | | | |
| NAME DATE | TECHNOIS DEPARTMENT | OF TRANSPORTATION | | | | |
| | NAGLE AVENUE OVER FAI-90 (KENNEDY EXPY) CITY OF CHICAGO STANDARD TRAFFIC SIGNAL | | | | | |
| | SCALE: NONE DETAILS | DRAWN BY: RSV | | | | |
| | DATE: DEC 2004 | CHECKED BY: DS | | | | |

G:/PROJECTS/JOB268/SIGNAL/NAGLE/TS-12.DGN

02-19-01

DT.